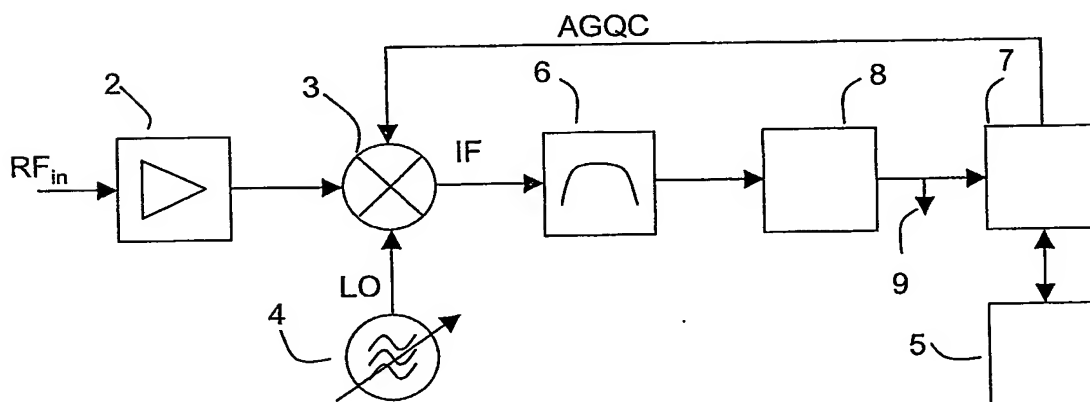
**Fig. 1 Prior art****Fig. 2**

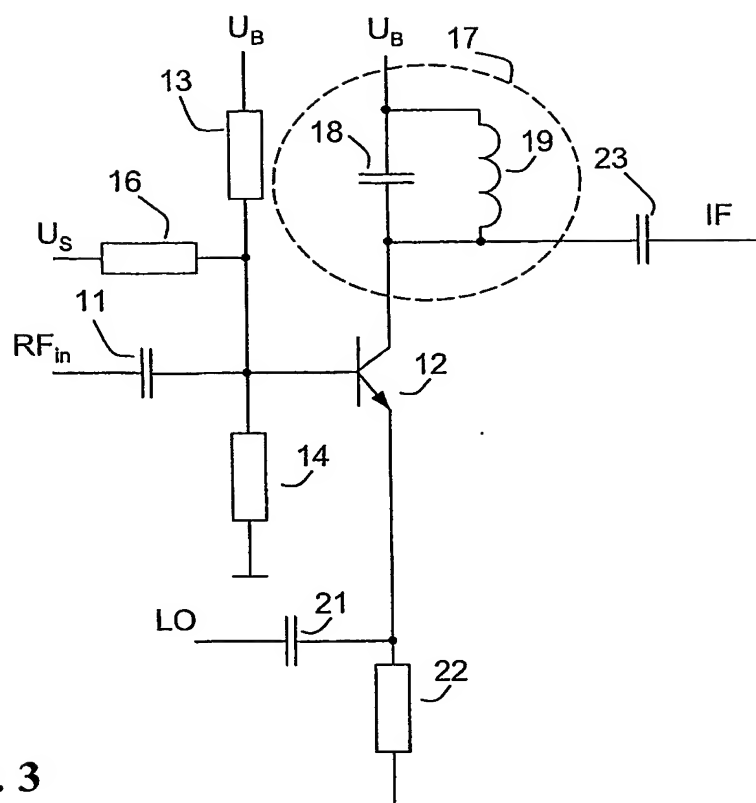


Fig. 3

Intermodulation Intercept Point $IP_3 = f(I_C)$
 (3rd order, Output, $Z_S = Z_L = 50\Omega$)
 V_{CE} = Parameter, $f = 900\text{MHz}$

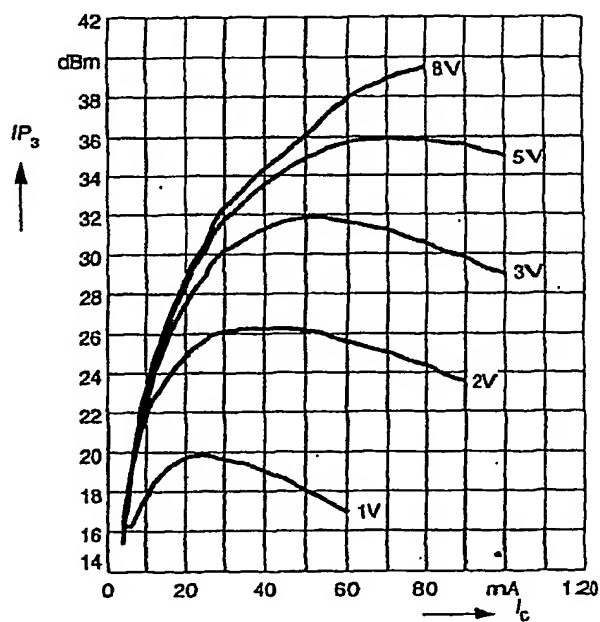
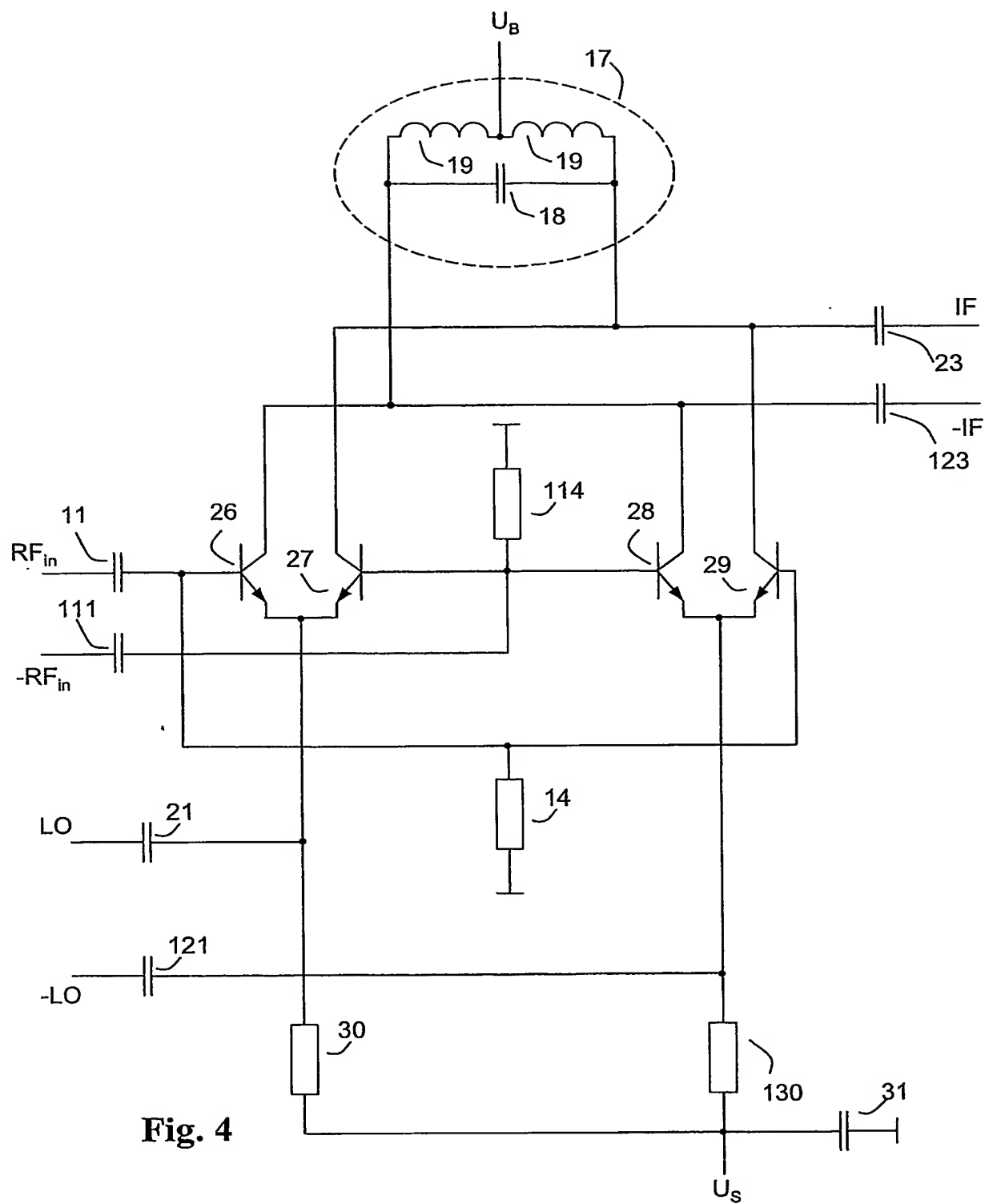


Fig. 5

**Fig. 4**

